



## R1 configuration

```
interface FastEthernet0/0
```

```
ip address 192.168.1.1 255.255.255.0
```

```
duplex full
```

```
!
```

```
interface Serial1/0
```

```
ip address 1.0.0.1 255.255.255.0
```

```
serial restart-delay 0
```

```
router ospf 1
```

```
router-id 1.1.1.1
```

```
network 1.0.0.0 0.255.255.255 area 0
```

```
network 192.168.1.0 0.0.0.255 area 1
```

## R2

```
!
```

```
interface Serial1/0
```

```
ip address 1.0.0.2 255.0.0.0
```

```
serial restart-delay 0
```

```
!
```

```
interface Serial1/1
```

```
ip address 2.0.0.2 255.0.0.0
```

```
serial restart-delay 0
```

```
router ospf 1
```

```
network 1.0.0.0 0.255.255.255 area 0
```

```
network 2.0.0.0 0.255.255.255 area 0
```

```
R3
```

```
interface FastEthernet0/0
```

```
ip address 192.168.2.1 255.255.255.0
```

```
duplex full
```

```
!
```

```
interface Serial1/0
```

```
no ip address
```

```
shutdown
```

```
serial restart-delay 0
```

```
!
```

```
interface Serial1/1
```

```
ip address 2.0.0.1 255.0.0.0
```

```
serial restart-delay 0
```

```
router ospf 1
```

```
network 2.0.0.0 0.255.255.255 area 0
```

```
network 192.168.2.0 0.0.0.255 area 2
```

PC1> ping 192.168.2.2

84 bytes from 192.168.2.2 icmp\_seq=3 ttl=61 time=42.381 ms

84 bytes from 192.168.2.2 icmp\_seq=4 ttl=61 time=53.215 ms

PC2> ping 192.168.1.2

84 bytes from 192.168.1.2 icmp\_seq=1 ttl=61 time=174.490 ms

84 bytes from 192.168.1.2 icmp\_seq=2 ttl=61 time=51.252 ms